

Initial
Received/Costing
Date
Production/Admin:

10/10/14

Location

Initials of receiver (if shipment OK) Level 12

Part Number	Description	Quantity	Ordered	Received	Returned	Short	Comments
		1	0	0	0	1	
		50	0	0	0	50	

Discrepancies

Packing Slip:	Yes	No	Cash	Credit
Invoice:	Yes	No		
Receipt:	Yes	No		
Invoice:	Yes	No		
Work Order:				
QC6 Inspection:				
Shipment Complete:	Yes	No		
Waybill Attached:	Yes	No		
Release Note Attached:	Yes	No		
Date P/O:	16/10/14			
Batch No:	A130694			
Supplier:	CAWPI			
Date:	10/10/14			
Comments:				

Chemical and Physical Test Report
MADE IN CANADA

GERDAU
CAMBRIDGE STEEL MILL
160 ORION PLACE
CAMBRIDGE ON N1T 1R9 CAN
(519) 740-2488

N-087824

CAMBRIDGE STEEL MILL
160 ORION PLACE
CAMBRIDGE ON N1T 1R9 CAN
(519) 740-2488

SHIP TO	INVOICE TO	SHIP DATE	SALES ORDER	CUST P.O. NUMBER
		01/31/12	1101138-03	CA38510-03

CUST. ACCOUNT NO
80074655

PRODUCED IN: CAMBRIDGE

SHAPE + SIZE	GRADE	SPECIFICATION												SALES ORDER	CUST P.O. NUMBER				
A2 X 2 X .16	44W	CSA-C40.21-94/WSG-04; ASTM A38M-08												1101138-03	CA38510-03				
HEAT ID.	C	Min	P	S	Si	Cu	Ni	Cr	Mn	V	Nb	B	Sn	Al	Ti	Zr	Ca	Zn	C Eqv
NI200E5	.18	.71	.013	.033	.16	.40	.11	.10	.040	.003	.002	.002	.012	.001	.00100	.001	.00000	.00200	.36
Mechanical Test:		Yield 50850 PSI, 350.82 MPa	Tensile 72623 PSI, 500.72 MPa	%El: 27.5@in, 27.5@200MM	Red R 35 : 1														
Customer Requirements:	CASTING, STRAND CAST																		
Mechanical Test:	Yield 51047 PSI, 351.98 MPa	Tensile: 72871 PSI, 501.05 MPa	%El: 29.0@in, 28.0@200MM	Red R 35 : 1															
Customer Requirements:	CASTING, STRAND CAST																		

PRODUCED IN: CAMBRIDGE

SHAPE + SIZE	GRADE	SPECIFICATION												SALES ORDER	CUST P.O. NUMBER			
A2 X 2 X .18	44W	CSA-C40.21-94/WSG-04; ASTM A38M-08												1101138-02	CA38510-02			
HEAT ID.	C	Min	P	S	Si	Cu	Ni	Cr	Mn	V	Nb	B	Sn	Al	Ti	Zr	Zn	C Eqv
NI200E5	.18	.86	.017	.044	.20	.49	.12	.17	.050	.003	.002	.002	.014	.002	.00100	.001	.00100	.37
Mechanical Test:	Yield 50891 PSI, 352.18 MPa	Tensile: 72872 PSI, 500.67 MPa	%El: 27.5@in, 27.5@200MM	Red R 51.7 : 1														
Customer Requirements:	CASTING, STRAND CAST																	
Mechanical Test:	Yield 50917 PSI, 351.74 MPa	Tensile: 72811 PSI, 500.58 MPa	%El: 27.5@in, 27.5@200MM	Red R 51.7 : 1														
Customer Requirements:	CASTING, STRAND CAST																	

Customer Notes

NO WELD REPAIRMENT PERFORMED. STEEL NOT EXPOSED TO MERCURY.
THIS MATERIAL, INCLUDING THE BILLET, WAS MALLEABLE AND MANUFACTURED IN CANADA

Brasket Valamantebi

Quality Director

Mackay

Gerda

THE ABOVE FIGURES ARE CERTIFIED CHEMICAL AND PHYSICAL TEST RECORDS AS CONTAINED IN THE
PERMANENT RECORDS OF COMPANY

Metallurgical Services Manager
CAMBRIDGE STEEL MILL

Seller warrants that all material furnished shall comply with specifications subject to standard published manufacturing variations. NO OTHER WARRANTIES, EXPRESSED OR IMPLIED, ARE MADE BY THE SELLER, AND SPECIFICALLY EXCLUDED ARE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. In no event shall seller be liable for indirect, consequential or punitive damages arising out of or related to the material furnished by seller. Any claim for damages for materials that do not conform to specifications must be made from buyer to seller immediately after delivery of same in order to allow the seller the opportunity to inspect the material in question.

CERTIFICATE OF COMPLIANCE

BILL TO	Cast Code:	DIE NUMBER	DATE OF SHIPMENT	EXTRUDEX ORDER NO.	MANIFEST NO.
	2	S 3488	11/3/2011	139288 — 5	255853
SHIP TO	CUSTOMER PO	ALLOY	SALESMAN		
SO DESCRIPTION	C64469	6063	TEMPER	HOUSE ACCOUNTS	MADE IN CANADA

EXTRUDEX ORDER NO.	MANIFEST NO.
255853	

SO DESCRIPTION
750"x.062" SC AN

CUSTOMER PART NUMBER
V843032

PART DESCRIPTION

C OF C REQUIRED

Chemical Composition

A.11	Cast Number	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Tl	Ga	V	B	Zr	Bi	Pb	Sn	Sr	Co	Al	Other
	2BP991 6063	0.40	0.16	0.01	0.03	0.50	0.01	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	

R1AO8315


David Natale
Quality Control Manager

PURCHASE ORDER

1270 Aberdeen Street
Hawkesbury, ON K6A 1K7

DART aerospace

Change Nbr: 1

Change Date: 2/13/12

No substitution or deviation without
consent.

RECD UPON DELIVERY
MATERIAL CERTIFICATION

\$2,311.03

PO Total:

Deliver To: J-LUC